

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL100521\
 Data File : VL037771.D
 Acq On : 5 Oct 2021 13:23
 Operator : SY/AP
 Sample : M4012-02 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 C0P22

Manual Integrations
 APPROVED

MMDadoda
 10/11/2021 7:36:02 PM

Quant Time: Oct 06 05:44:29 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL100421AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Oct 0
 QLast Update : Mon Oct 04 17:43:54 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1438730	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.16	114	4026943	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.07	117	3430596	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	2423975	10.10	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	3.04	85	22837	0.099	ppbv	93
4) Chloromethane	3.13	50	17800m	0.176	ppbv	
9) Propene	3.02	41	99674m	0.980	ppbv	
13) Ethanol	3.60	45	16775598	2016.688	ppbv	84
15) Acetone	3.83	43	7687489	59.521	ppbv	99
17) tert-Butyl alcohol	4.30	59	77280m	0.581	ppbv	
19) Isopropyl Alcohol	3.97	45	4279912	53.265	ppbv #	99
20) Methylene Chloride	4.34	84	95477	1.463	ppbv	92
26) Hexane	5.68	57	59681	0.334	ppbv #	80
29) Chloroform	5.74	83	65525	0.257	ppbv	94
34) 2-Butanone	5.23	43	75149	0.462	ppbv	91
37) 1,2-Dichloroethane	6.29	62	44593	0.275	ppbv	98
52) Tetrachloroethene	11.20	164	8706m	0.065	ppbv	
53) Toluene	9.78	91	321422	0.843	ppbv	100
58) Ethyl Benzene	12.69	91	90564m	0.197	ppbv	
59) m/p-Xylene	12.95	91	212213m	0.537	ppbv	
60) o-Xylene	13.66	91	72269	0.191	ppbv	96
61) Styrene	13.51	104	38958m	0.213	ppbv	
74) 1,2,4-Trimethylbenzene	16.74	105	62832m	0.153	ppbv	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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